

广西樟科植物两新种*

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Two new species of the Lauraceae from Guangxi, China

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Key words Lauraceae; *Litsea napoensis* D. Fang; *Machilus pachyclada* D. Fang; New species; China

关键词 樟科; 多蕊木姜子; 粗枝润楠; 新种; 中国

1 多蕊木姜子 新种 图 1:1~4

Litsea napoensis D. Fang, sp. nov. Fig. 1:1~4

Fortasse affinis *L. liuyingii* Liou, quae planta arborea, foliis supra nitidis, panicula 3~4 cm longa ex umbellis staminatis composita, rhachidi pilifera, umbella 3-flora, perianthii segmentis 8 ovatis, staminibus 26~32, filamentis piliferis differt.

Frutex sempervirens, ca. 2 m altus, omnis glaber. Ramus teres, brunneus, laevis. Folia alterna, tenuiter coriacea, elliptica raro late ovata, 10.5~23 cm longa, 5.8~9.7 cm lata, apice subito breviter acuminata vel acuta, basi acuta, in sicco supra viridi-brunnea, subtus cinereo-brunnea, utrinque foveolata, penninervia, nervis lateralibus utrinsecus 10~14 et costa supra prominulis subtus prominentibus; petioli 1~1.5 cm longi, semper inconspicueque canaliculi. Umbellae 2~5 in axillis foliorum fasciculatae, pedunculis 8~11 mm longis; bracteae involucri decussatae, suborbiculatae, in sicco ferruginescentes; umbella 5~6-flora; pedicelli marginales ca. 2 mm longi, is centralis usque ad 6 mm longus. Flos staminatus: perianthii segmenta 6, viridia in sicco ferruginescentia, subelliptica vel oblonga, ca. 2.5~3 mm longa et 1~2 mm lata, apice obtusa; stamina 21~22, ca. 2 mm longa, ea ordinis secundi et tertii glandulis duabus magnis instructa, antheris 4-locularibus, introrsis; pistillum sterile 2 mm longum, ovario elliptico, 1.3 mm longo, stylo et stigmate 0.7 mm longo, stigmate non dilatato, 2-lobato. Flos pistillatus et fructus non visus.

Guangxi(广西): Napo(那坡), Baihe(百合), Shanglong(上隆), in forest of limestone hill, rare, 1976-03-08, D. Fang and D. Y. Liu(方鼎,刘达雨)22223(holotype, GXMI).

常绿灌木,高约 2 m,全株无毛。枝圆柱形,棕色,光滑。叶互生,薄革质,椭圆形稀阔卵形,长 10.5~23 cm,宽 5.8~9.7 cm,先端骤短渐尖或急尖,基部急尖,干时上面绿棕色,下面灰棕色,两面有小窝穴,羽状脉,侧脉每边 10~14 条,和主脉在上面稍隆起;在下面隆起;叶柄长 1~1.5 cm,常有不明显的浅沟。伞形花序 2~5 个簇生于叶腋;花序梗长 8~11 mm;总苞片交互对生,近圆形,干时锈色;每一伞形花序有花 5~6 朵;花梗长约

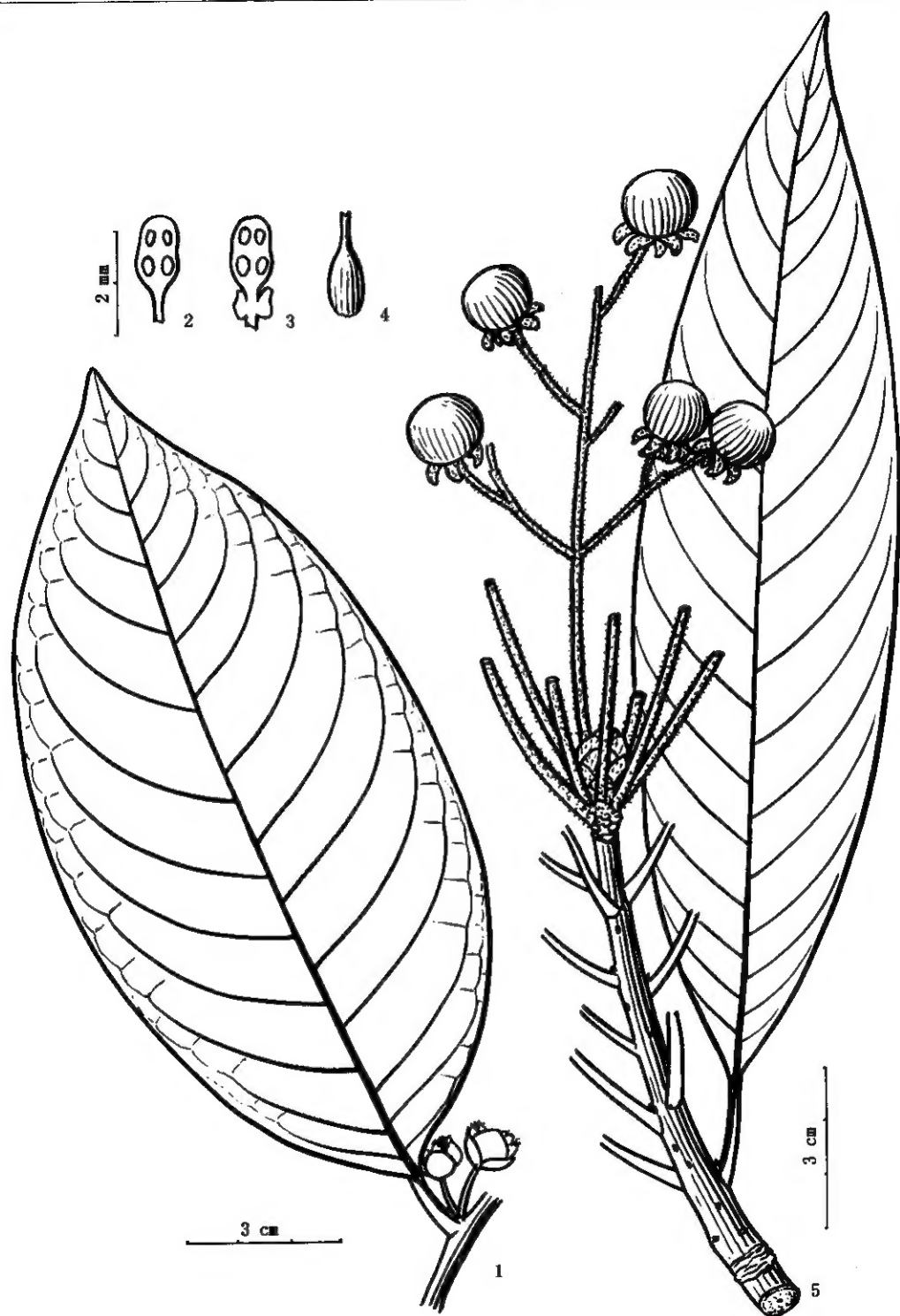


图1 1~4. 多蕊木姜子 1. 雄花枝; 2. 外轮雄蕊; 3. 内轮雄蕊; 4. 不育雄蕊。5. 粗枝润楠; 果枝。(廖信佩 绘)
 Fig. 1 1~4. *Litsea napoensis* D. Fang 1. Male flowering branch; 2. Outer stamen; 3. Inner stamen;
 4. Sterile pistil; 5. *Machilus pachyclada* D. Fang: Fruiting branch.

2 mm, 局中的 1 枚长达 6 mm; 雄花: 花被片 6, 绿色, 干时锈色, 近椭圆形或长圆形, 约长 2.5~3 mm, 宽 1~2 mm, 先端钝; 雄蕊 21~22, 长约 2 mm, 第 2~3 轮各有 2 枚大腺体, 花药 4 室, 内向; 不育雌蕊长 2 mm, 子房椭圆形, 长 1.3 mm, 花柱和柱头长 0.7 mm, 柱头不扩大, 2 浅裂。雌花和果实未见。

本种可能接近圆锥木姜子 *L. liuyingii* Liou, 后者为乔木, 叶上面有光泽, 圆锥花序长 3~4 cm, 由雄性伞形花序组成, 主轴有毛, 每一伞形花序有花 3 朵, 花被片 8, 卵形, 雄蕊 26~32, 花丝有毛。

2 粗枝润南 新种 图 1:5

Machilus pachyclada D. Fang, sp. nov. Fig. 1:5

Habitu affinis *M. submultinerviae* Y. K. Li, sed foliis multo majoribus supra nitidis subtus glabris et venulis conspicue prominulis, fructibus juvenalibus 10~15 mm in diam. recedit.

Arbor. Ramus subteres, robustus, 4~6 mm crassus, in sicco atrobrunneus, rarissime labiato-lenticellatus, glaber. Gemmae hiemales late ovoideae, 10~12 mm longae, 8.5~10 mm crassae; perulis coriaceis, suborbiculatis, versus basin minoribus, extus densissime adpresseque cinereo-sericeo-pubescentibus, margine ciliolatis. Folia coriacea, anguste oblonga vel anguste oblongo-elliptica, 20~29 cm longa, 4.8~7.4 cm lata, apice breviter acuminata, basi acuta raro cuneata, glabra, in sicco supra badia et nitida, subtus cinereo-brunnea, utrinque foveolata subtus magis conspicua, costa supra impressa subtus valde prominente, nervis lateralibus utrinsecus 13~18, supra subplanis, subtus prominulis; petioli 2~4.5 cm longi, 2~3 mm crassi, supra canaliculati. Flos non visus. Paniculae fructiferae subterminales, ca. 12, 8~11 cm longae, in vivo rubrae, pubescentes; pedunculus 2~5.5 cm longus, 1.5~2.5 mm crassus. Fructus juvenalis globosus. viridis in sicco nigrescens, 10~15 mm in diam., perianthii segmentis persistentibus reflexis, inaequalibus, oblongis, 4.5~5.5 mm longis, 2~3 mm latis, apice obtusis, utrinque adpresse pubescentibus, pedicello fructifero 6~10 mm longo, 1.5~2 mm crasso.

Guangxi(广西): Napo(那坡), Nonghua(弄化), on limestone hill slope, alt. 1000 m, rare, 1984-01-23, D. Fang and Z. G. Wang(方鼎, 王振钢)78476(holotype, GXMI).

乔木。枝近圆柱形, 粗壮, 粗 4~6 mm, 干时黑棕色, 极少具唇形皮孔, 无毛。冬芽宽卵球形, 长 10~12 mm, 宽 8.5~10 mm; 芽鳞革质, 近圆形, 向基部较小, 背面极密被贴伏的灰色绢状短柔毛, 边缘被小睫毛。叶革质, 狭长圆形至狭长圆状椭圆形, 长 20~29 cm, 宽 4.8~7.4 cm, 先端短渐尖, 基部急尖, 稀楔形, 无毛, 干时上面栗棕色, 有光泽, 下面灰棕色, 两面有窝穴, 下面较明显, 中脉上面凹, 下面十分隆起, 侧脉每边 13~18 条, 上面近平坦, 下面稍隆起; 叶柄长 2~4.5 cm, 粗 2~3 mm, 上面有沟。花未见。果序圆锥状, 约 12 枚, 近顶生, 长 8~11 cm, 鲜时红色, 被短柔毛; 果序梗长 2~5.5 cm, 粗 1.5~2.5 mm。幼果球形, 绿色, 干时变黑色, 直径 10~15 mm; 宿存的花被片反折, 不等大, 长圆形, 长 4.5~5.5 mm, 宽 2~3 mm, 先端钝, 两面被伏柔毛; 果梗长 6~10 mm, 粗 1.5~2 mm。

本种外貌与册亨润南 *M. submultinervia* Y. K. Li 相似, 但叶远较大, 上面有光泽, 下面无毛, 小脉明显稍隆起; 幼果直径 10~15 mm。

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